

List of publication

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Guest Editor in Special Issues:

Special Issue: "Remote Sensing"

Monitoring of Status and Disturbances of Bio- and Geodiversity, Their Traits and Interactions Using Remote Sensing

https://www.mdpi.com/journal/remotesensing/special_issues/abiotic_biotic

Guest editors: Angela Lausch, Andrew Skidmore, Michael Vohland, Natascha Oppelt, Jan Bumberger
Deadline for manuscript submissions: 01 March 2021

Remote Sensing of Inland Waters and Their Catchments

http://www.mdpi.com/journal/remotesensing/special_issues/inland_water_catchment

Guest editors: **Angela Lausch**, Jan Bumberger, Natascha Oppelt, Karsten Rinke
Deadline for manuscript submissions: 31 January 2021

Data Science in Remote Sensing

https://www.mdpi.com/journal/remotesensing/special_issues/Upscaling_Downscaling_Modelling

Guest editors: **Angela Lausch**, Prof. Dr. Heiko Paulheim, Dr. Hendrik Pasche, Dr. Sebastian Scheuer

Deadline for manuscript submissions: 01 May 2020

Teaching and Learning in Remote Sensing

https://www.mdpi.com/journal/remotesensing/special_issues/RSteaching

Guest editors: Marion Pause, Angela Lausch, Sebastian Schellhammer

Deadline for manuscript submissions: Deadline for manuscript submissions: 31 July 2021

Remote Sensing of Forest Health

http://www.mdpi.com/journal/remotesensing/special_issues/foresthealth

Guest editors: **Angela Lausch**, Marco Heurich

Deadline for manuscript submissions: 31 July 2016

Important Books

Cavender-Bares, J., Gamon, J.A., Editors, P.A.T., 2020. Remote Sensing of Plant Biodiversity, Remote Sensing of Plant Biodiversity. Springer International Publishing, Cham.

<https://doi.org/10.1007/978-3-030-33157-3> (open access)

ISI-Publication

2021

Andrew K. Skidmore, Nicholas C. Coops, Elnaz Neinavaz, Abebe Ali, Michael E. Schaepman, Marc Paganini, W. Daniel Kissling, Petteri Vihervaara, Roshanak Darvishzadeh, Hannes Feilhauer, Miguel Fernandez, Néstor Fernández, Noel Gorelick, Ilse Geizendorffer, Uta Heiden, Marco Heurich, Donald Hobern, Stefanie Holzwarth, Frank E. Muller-Karger, Ruben Van De Kerchove, **Angela Lausch**, Pedro J Leitão, Marcelle C. Lock, Caspar A. Múcher, Brian O'Connor, Duccio Rocchini, Woody Turner, Jan-Kees Vis, Tiejun Wang, Martin Wegmann, Vladimir Wingate **2021**. Priority list of biodiversity metrics to observe from space. *Nature Ecology & Evolution*, doi:10.1038/s41559-021-01451-x

Hermanns F, Pohl F, Rebmann C, Schulz G, Werban U, **Lausch A**. Inferring Grassland Drought Stress with Unsupervised Learning from Airborne Hyperspectral VNIR Imagery. *Remote Sens.* **2021**;13(10):1885. doi:10.3390/rs13101885

Erik Andersson, Dagmar Haase, Pippin Andersson, Chiara Cortinovia, Julie Goodness, Dave Kendal, **Angela Lausch**, Timon McPhearson, Daria Sikorska, Thilo Wellmann, **2021**. What are the traits of a social-ecological system? Towards a framework in support of urban sustainability. *npj Urban Sustain.* 1, 14. <https://doi.org/10.1038/s42949-020-00008-4>.

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